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Gernot Koch, Udo Kebschull, Wolfgang Rosenstiel

September 1994 **Proceedings of the 3rd international workshop on Hardware/software co-design**Full text available:  [pdf\(516.50 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We present a prototyping environment with special benefit for hardware/software codesign which we use as target architecture in the COBRA project. This architecture is very flexible, easy extensible, and provides a high gate complexity. It supports standard processor integration as well as processor emulation.

2 ICEBERG: an embedded in-circuit emulator synthesizer for microcontrollers



Ing-Jer Huang, Tai-An Lu

June 1999 **Proceedings of the 36th ACM/IEEE conference on Design automation**Full text available:  [pdf\(705.18 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

3 The case for a configure-and-execute paradigm



Frank Vahid, Tony Givargis

March 1999 **Proceedings of the seventh international workshop on Hardware/software codesign**Full text available:  [pdf\(484.04 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: IP, cores, methodology, system-on-a-chip

4 Fast development of source-level debugging system using hardware emulation (short paper)



Sang-Joon Nam, Jun-Hee Lee, Byoung-Woon Kim, Yeon-Ho Im, Young-Su Kwon, Kyong-Gu Kang, Chong-Min Kyung

January 2000 **Proceedings of the 2000 conference on Asia South Pacific design automation**Full text available:  [pdf\(204.60 KB\)](#) Additional Information: [full citation](#), [references](#)

5 Challenges in CAD for the one million gate EPGA



Kurt Keutzer

February 1997 **Proceedings of the 1997 ACM fifth international symposium on Field-**

programmable gate arrays

Full text available:  [pdf\(389.50 KB\)](#) Additional Information: [full citation](#), [index terms](#)

6 Linking codesign and reuse in embedded systems design

M. Meerwein, C. Baumgartner, W. Glauert

May 2000 **Proceedings of the eighth international workshop on Hardware/software codesign**

Full text available:  [pdf\(77.16 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



This paper presents a complete codesign environment for embedded systems which combines automatic partitioning with reuse from a module database. Special emphasis has been put on satisfying the requirements of industrial design practice and on the technical and economic constraints associated with automotive control applications. The object-oriented database architecture allows efficient management of a large number of modules. Experimental results from a real-world example demonstr ...

7 Fast hardware-software coverification by optimistic execution of real processor

Sungjoo Yoo, Jong-Eun Lee, Jinyong Jung, Kyungseok Rha, Youngchul Cho, Kiyoung Choi

January 2000 **Proceedings of the conference on Design, automation and test in Europe**



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8 A three-step approach to the functional partitioning of large behavioral processes

Frank Vahid

December 1998 **Proceedings of the 11th international symposium on System synthesis**



Full text available:  [pdf\(763.27 KB\)](#)

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9 A Hardware/Software Concurrent Design for a Real-Time SP@ML MPEG2 Video-Encoder Chip Set

Mitsuo Ikeda, Tsuneo Okubo, Tetsuya Abe, Yoshinori Ito, Yutaka Tashiro, Ryota Kasai

March 1996 **Proceedings of the 1996 European conference on Design and Test**



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